# SPECIFICATIONS

## Gateway 4000 Series Notebook

Specifications are subject to change without notice or obligation.

### Processor and Core Logic

| | |
|---|---|
| Processor options | One Intel® Pentium® M 705, 715, 725, or 735 CPU<br>To determine your notebook's processor, click **Start**, **My Computer**, then click **View System Information**. The processor is listed. |
| Processor packaging | Intel micro-FCPGA |
| Level 2 cache | ▪ 1 MB (Pentium M 705)<br>▪ 2 MB (Pentium M 715, 725, and 735) |
| Chipset-Northbridge | ▪ Intel 855GM |
| Chipset-Southbridge | Intel ICH4-M |
| Processor side bus speed | 400 MHz processor system bus |
| BIOS | ▪ Phoenix BIOS<br>▪ 4 MB Flash ROM<br>▪ SMBIOS 2.3 support<br>▪ Advanced Configuration and Power Interface 1.0b and 2.0 (ACPI 1.0b and 2.0) support<br>▪ Wired for Management 2.0 (WfM 2.0) |

### System memory

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|---|---|
| Memory type | 200/266/333 MHz DDR RAM |
| Memory expansion options | ▪ Two 200-pin industry standard DDR-SODIMM sockets<br>▪ Accepts two 200/266/333 MHz DDR RAM memory modules in memory bay<br>▪ No internal memory<br>▪ 2 GB maximum system memory<br>To determine your notebook's memory, click **Start**, **My Computer**, then click **View System Information**. The memory is listed. |

## Video

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|---|---|
| Graphics controller | Intel 855GM (chipset integrated)<br>▪ 2D hardware acceleration<br>▪ 3D rendering acceleration |
| Video memory | UMA (shared memory) architecture with Dynamic Video Memory Technology (DVMT) |
| LCD display panel | 15.0-inch active matrix (TFT) LCD color display<br>Maximum panel resolution: 1024 × 768<br>Maximum color depth: 32-bit (16.7 million colors) |
| LCD supported video modes | XGA |
| LCD maximum refresh rate | 60 Hz |
| Controls | ▪ Brightness level selectable through FN keys (up, down)<br>▪ Auto dim on battery and auto bright on AC power (selectable in BIOS) |
| External video | Supports dual display and extended desktop |
| External CRT resolutions | Supports standard IBM VGA compatible modes<br>Maximum resolution: 1920 × 1200<br>Maximum color depth: 32-bit (16.7 million colors) |
| External CRT maximum refresh rate | 75 Hz |

## Audio

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|---|---|
| Sound support | ▪ Analog Devices AC '97 SoundMAX® Codec<br>▪ Multi-stream Direct Sound and Direct Sound 3D acceleration<br>▪ SoundBlaster Pro, MIDI, Windows Sound System compatible<br>NOTE: This notebook does not have an internal microphone. |
| Volume controls | ▪ Volume control toggle<br>▪ Press toggle in to mute the sound<br>▪ Software control provided through Windows |
| Internal speakers | ▪ Stereo speakers built into front of notebook<br>▪ 1.0 W maximum output for each channel |
| Audio jacks | ▪ Stereo headphone output<br>▪ Monophonic microphone input |

## Communications

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|---|---|
| Modem features | ▪ Integrated v.92 58K modem<br>▪ Uses the RJ-11 jack on the rear of the notebook<br>▪ Supports Wake on Ring from S3 power mode |
| 10/100 Mbps Ethernet interface features | ▪ Integrated IEEE 802.3 (10/100 BASE-TX) Ethernet interface<br>▪ Uses the RJ-45 jack on the rear of the notebook<br>▪ Supports Wake on LAN from S3 power mode |
| Wireless Ethernet interface features **(Factory installed option)** | Intel® PRO/Wireless IEEE 802.11b/g network card, Mini-PCI (Pentium M models only)<br>FN+F2 keyboard combination turns wireless Ethernet on and off.<br>**Antenna:** Uses factory-installed diversified internal antenna<br>**Operating channels:** 11 selectable channels<br>**Security:** 128 and 64 bit WEP encryption<br>**Operating Frequency:** 2.4 GHz Direct Sequence Spread Spectrum (IEEE 802.11b and IEEE 802.11g)<br>**Maximum Data Rate**<br>▪ 54 Mbps (IEEE802.11g<br>▪ 11 Mbps (IEEE802.11b) |

## Input/Output (I/O)

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|---|---|
| Keyboard | ▪ U.S. English keyboard<br>▪ Full-sized 88-keys<br>▪ 19 mm x 19 mm key pitch<br>▪ 2.5 mm keystroke |
| Pointing device | ▪ Gateway EZ-Pad™ touchpad with vertical scroll<br>▪ 2-button design |
| Status indicators | FN+F1 keyboard combination turns status indicators on and off.<br>▪ AC power<br>▪ Wireless Ethernet<br>▪ Caps lock<br>▪ PAD (Num) lock<br>▪ Scroll lock<br>▪ Hard drive access<br>▪ Battery status<br>▪ Power/Suspend |

| | |
|---|---|
| Input/Output (I/O) ports | ▪ Three USB 2.0 (4-pin)<br>▪ IEEE 1394 (4-pin)<br>▪ V.92, 56K Modem (RJ-11)<br>▪ 10/100 Ethernet (RJ-45)<br>▪ External monitor (VGA)<br>▪ Stereo headphone output<br>▪ Monophonic microphone input<br>▪ PC Card socket (one Type II)<br>▪ DC input |
| PCMCIA | ▪ Accepts one Type II device<br>▪ Ricoh R5C590 controller<br>NOTE: This notebook does not support Zoom Video. |

## Storage

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|---|---|
| Hard drive | ▪ 2.5-inch diameter<br>▪ 9.5 mm height<br>To find the hard drive capacity, click **Start**, then click **My Computer**. Right-click the drive letter, then click **Properties**. The drive's capacity and available space appears. If the drive has multiple partitions (for example, C: and D:), add the capacities of each partition to determine the drive's total capacity. |
| Memory card reader<br>**(factory installed option)** | Supports the following card types:<br>▪ Memory Stick®<br>▪ MultiMediaCard™<br>▪ Secure Digital™ |
| Optical drive<br>**(factory installed)** | Available drives include:<br>▪ Combination DVD/CD-RW<br>▪ DVD±R/±RW drive<br>To determine the type of optical drive in your system, examine the drive tray's plastic cover. A DVD logo in combination with a CD-R/RW logo indicates a DVD drive that also is a recordable/rewritable CD drive, and a DVD-ROM/R/RW logo in combination with a CD-R/RW logo indicates a recordable/rewritable DVD drive that also is a recordable/rewritable CD drive. |

## Power

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|---|---|
| AC adapter | ▪ 19 VDC, 3.42A, 65 W output<br>▪ Automatically adjusts for 100 to 240 VAC, 50 to 60 Hz power sources<br>▪ Two-wire design |
| Battery type | ▪ Removable Lithium Ion battery pack<br>▪ Embedded controller inside to support smart battery |
| Battery capacity | 6-cell Li-Ion<br>▪ 4.4 Ah<br>▪ 11.1 V nominal<br>▪ 48 Whr<br>Battery life varies depending on configuration, programs, power management settings, and features used. Recharge time varies, depending on usage. |
| Power management | ▪ Advanced Configuration and Power Interface 1.0b or later (ACPI 1.0b or later) support<br>▪ SMBIOS 2.3<br>▪ PC 2001 compliant<br>▪ CPU may support Intel® Speedstep™ technology |
| Controls | Icon on taskbar shows battery charge as a percentage remaining |
| Power switch | Supports Power On/Off, Standby/Resume, Hibernate, Shutdown |
| Lid switch | LCD On/Off, Standby, Hibernate |

## Security

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|---|---|
| Passwords | ▪ Power-on password (user/supervisor password set in BIOS)<br>▪ Hard drive password |
| Physical | ▪ Main system memory compartment screw<br>▪ Hard drive kit screw<br>▪ Mini PCI bay screw<br>▪ Kensington® security slot on notebook back |

## System software

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|---|---|
| Operating system | ▪ Microsoft® Windows® XP Professional<br>▪ Microsoft® Windows® XP Home Edition |
| System management | ▪ SMBIOS 2.3 BIOS support<br>▪ Advanced Configuration and Power Interface 1.0b and 2.0 (ACPI 1.0b and 2.0) support<br>▪ Support for Wake on LAN from S3 power mode<br>▪ Support for Intel® LANDesk® Client manager 6.0<br>▪ Wired for Management 2.0 (WfM 2.0) enabled |
| System compatibility | ▪ PC2001 specification<br>▪ Advanced Configuration and Power Interface 1.0b and 2.0 (ACPI 1.0b and 2.0) support<br>▪ SMBIOS 2.3<br>▪ Windows Hardware Quality Labs (WHQL) certified |
| Quick boot | Supported |

## Physical specifications

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|---|---|
| Dimensions | ~12.9 × 10.5 × 1.0 in. (W × D × H)<br>~328 × 268 × 27.1 mm (W × D × H) |
| System weight | ~5.5 lbs. (~2.5 kg)<br>Includes optical drive and 6-cell battery |
| AC adapter weight | ~11.5 ounces (~357 g)<br>Includes cord |
| Battery weight | ~10.4 ounces (~322.5 g) |

## Environment

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|---|---|
| Operating temperature | 50°F to 90°F (10°C to 32°C) |
| Storage temperature | 4°F to 140°F (-15°C to 60°C) |
| Operating humidity | 20% to 80% relative humidity; no condensation |

MAN STM SPECS R1 10/04

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